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ABSTRACT

This manual offers guidance for librarians on every aspect of local area networking from start-up through maintenance and trouble shooting. This second edition has been revised to include information on: definition and explication of TCP/IP; Novell 4.1; Internet connection gear; equipment capable of handling Web access; Window NT and Windows for Workgroups; and LINUX. The book consists of two main parts. The first part, Chapters 1 through 5, introduces the ingredients needed to build a local area network (LAN). Discussion includes the definition of a LAN, operating systems, hardware, wiring, and applications. The second part, Chapters 6 through 11, explores the problems of operating a LAN. These chapters focus on start up, daily operations, maintenance and troubleshooting, advanced capabilities, connections, and LANs in labs. Appendices include sample forms, a user needs analysis, hardware and software features, network backup procedure, topologies, and checklist for major upgrades. (AEF)

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